



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

July 8, 2010

Patrick Gleason
Burnside PWD
P O Box 60
New Burnside, IL 62967

Re: Burnside Water Projects
Project Number: 1010838
Williamson County

Dear Applicant:

This letter is in reference to the project recently submitted through the EcoCAT (Ecological Compliance Assessment Tool) website. The initial report generated for your project indicated the presence of protected resources in the vicinity of the project location.

Consultation

Protected resources in the vicinity of this project include Sugar Creek – Saline Drainage Illinois Natural Areas Inventory Site, Indiana crayfish, (*Orconectes indianensis*) and least brook lamprey (*Lampetra aepyptera*). To protect these aquatic resources, directional boring under the creek is recommended. Strict erosion control measures should be utilized during all phases of installation. Consultation is terminated. Termination does not imply the Department's authorization or endorsement. Consultation may be re-opened if information or potential impacts, not previously considered are brought to our attention. Consultation is valid for no more than two years; if the project has not been implemented by then, a new consultation is necessary.

The Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of significant natural features in any specific location. Consultation cannot replace detailed site surveys. If a protected resource is encountered during implementation of the project, compliance with applicable statutes and regulations is required.

Wetland Review

A review of the National Wetlands Inventory (NWI) maps, indicates the presence of many wetlands within at least 250 feet of the project limits. To determine whether further coordination with IDNR will be necessary, assessments by the applicant are needed. It is important to note that although IDNR review of NWI maps is a good indication of possible wetland impacts, it is the responsibility of the applicant to confirm wetland impacts through field assessments and reviewing detailed design plans. NWI maps and brief project descriptions submitted to our office are used strictly for cursory reviews.

If, upon site assessment, it is determined a wetland is located within the construction limits, but is 1) a maintained road right-of-way, or 2) zoned and utilized in its entirety for R1, R2, C1, C2, I1, I2 or other developed categories, and 3) each of the following construction conditions exist, the Interagency Wetlands Policy Act classifies the impacts as minimal, and the 1:1 mitigation requirement will have to be met. For example, if the wetland in question is a drainage ditch with cattails, and 10 feet of the area is disturbed for the installation of the water main, restoring the ditch to its original contour and allowing cattails to re-establish within the ditch (in conjunction with the standards listed below), will meet the 1:1 mitigation requirement.

Each of the following criteria must be applicable to the project for compliance with the Act:

- * Pre-existing wetland conditions are restored;
- * The trench width required for construction is less than 10 feet;
- * Erosion control measures meet either the specifications established in the "Green" book for erosion control in construction sites or the requirements of the NPDES Construction Site Activities permit;
- * The original grade and contour are established within 30 days and the area reseeded within 7 days after surface grading occurs, or if construction occurs outside of the growing season, state-of-the-art soil erosion control measures are in place;
- * Any wetland tree removal is less than 4" dbh;
- * Stockpiling of soil and storage of construction equipment occur outside of the wetland.

If the above criteria cannot be incorporated into the construction plans, additional mitigation may be necessary. Please notify this agency in writing only if the above standards cannot be incorporated into this project.

If you have questions regarding this project review, please contact:

Tracy Evans
Division of Ecosystems and Environment
217-785-5500